TAGGING

F0492-516
F03821-3845

24 P. dentatus
for analysis
→ see separate sheet

2361

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2361	032	01	09	74	28AH	3536	7519

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0014	09	—	13	022	N	W	15

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	MC	SA	E	FT	070	—	16	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	05000	—	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	35° 36'	75° 19'	1287	2932	14		1615	1617
							PU	ON
FINISH	35° 34'	75° 19'	1267	2930	13		1647	1652

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
100	1300/2 5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Recorded ON SimrAd

OBSERVATIONS

4000 To 5000 lbs. Trout

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R/V DAN MOORE SPECIES LIST

STATION NUMBER 2361

DATE Jan. 9 1974

IDENTIFIED BY BFH; ABP

TOTAL CATCH WT. 5000#

SUBSAMPLE WT. —

NO. BASKETS —

SPECIES	NUMBER	WEIGHT	DATA TAKEN *
Cynoscion regalis		≈4000	
Squalus acanthius		≈1000	
Paralichthys dentatus			Combined to 2358-2361
Pomatomous saltatrix		25#	
Centropristis striatus	1	.5#	
Menticirrhus saxatilis	5		
M. americanus	5		

*Include type of data taken, i.e length,weight,scales,gonads,saved for identification,etc.

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2358-2361 Con'T

Date 1-9-74

Area of Release

LORAN Start

Finish

Tot. Fish Captured

Tot. Fish Tagged

No. Retained for analysis

Gear Type

TAG. NO.	Weight Lbs. Ozs.	F.L. (cm)	Species	Remarks
F3836		212✓	P. dentatus	
F3837		226	"	
F3838		224	"	
F3839		228	"	
F3840		210	"	
F3841		261	"	
F3842✓		278	"	
F3843		237	"	
F3844		240	"	
F3845		215	"	

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No.s 2358 - 2361

Tot. Fish Captured 74 ✓

Date 1-9-74

Tot. Fish Tagged 50 ✓

Area of Release 3miles off Shore and 1 mile south of Platt Shoals

No. Retained for analysis 24 ✓

LORAN Start

Gear Type #41 yankee

Finish Noon To Wimble Shoals

Area 2

TAG. NO.	Weight Lbs.	Ozs.	F.L. (cm)	Species	Remarks
F0492			585	P. dentatus	
F0493			377	"	
F0494			532	"	
F0495			402	"	
F0496			437	"	
F0497			405	"	
F0498			447	"	
F0499			370	"	
F0500			487	"	
F0501			378	"	
F0502			508	✓ "	
F0503			330	"	
F0504			420	"	
F0505			325	"	
F0506			660	"	
F0507			407	"	
F0508			365	"	
F0509			334	"	
F0510			420	"	
F0511			362	"	
F0512			390	"	
F0513			365	"	
F0514			408	"	
F0515			340	"	
F0516			312	"	
F3821			272	"	
F3822			240	"	
F3823			224	"	
F3824			304	"	
F3825			220	"	
F3826			236	"	
F3827			356	"	
F3828			235	"	
F3829			218	"	
F3830			222	"	
F3831			322	"	
F3832			250	"	
F3833			215	"	
F3834			246	"	
F3835			249	"	

Station No.

Date

Area of Release

Weight

Species. P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks WT IN grams	
1-49	171 ✓	♂	✓	—				—	~~2365~~ 2366	50	Area I
1-50	185 ✓	♂	✓	—				—	"	65	Jan 1974
1-51	195 ✓	♀	✓	—				I	"	75	
1-52	194 ✓	♀	✓	—				I	"	70	
1-53	156 ✓	I	—	—				—	"	35	
1-54	169 ✓	♀	✓	—				I	"	50	
1-55	204 ✓	♀	✓	—				I	"	85	
1-56	216 ✓	♂	✓	—				—	2353-2354	105	See Above Area III Jan 1974
1-57	201 ✓	♂	✓	—				—	"	95	
1-58	221 ✓	♀	✓	—				I	"	105	
1-											
1-59	358 ✓	♀	✓	—				I	2369	460	/ Area IV Jan 1974
1-60	360 ✓	♀	✓	✓				I (2.1)	"	525	
1-61	219 ✓	♀	✓	—				I	"	115	
1-62	213 ✓	♂	✓	—				—	"	100	
1-63	213 ✓	♀	✓	—				I	"	100	
1-64	196 ✓	♂	✓	—				—	"	75	
1-65	189 ✓	♂	✓	—				—	"	70	
1-											
1-66	229 ✓	♀	✓	—				I	2358-2361	120	Area II Jan 1974
1-67	208 ✓	♂	✓	—				—	"	95	
1-68	254 ✓	♀	✓	—				I	"	155	
1-69	222 ✓	♀	✓	—				I	"	115	
1-70	256 ✓	♀	✓	—				I	"	175	
1-71	246 ✓	♂	✓	—				—	"	155	
1-72	300 ✓	♂	✓	—				—	"	275	
1-73	201 ✓	♀	✓	—				I	"	85	
1-74	198 ✓	♂	—	—				—	"	85	
1-75	217 ✓	♂	✓	—				—	"	105	See above
1-76	223 ✓	♀	✓	—				I	"	125	
1-77	243 ✓	♀	✓	—				I	"	155	
1-78	238 ✓	♂	✓	—				—	"	135	
1-79	230 ✓	♀	✓	—				I	"	125	
1-80	220 ✓	♂	✓	—				—	"	110	
1-81	245 ✓	♀	✓	—				I	"	155	
1-82	244 ✓	♀	✓	—				I	"	130	
1-83	204 ✓	♀	✓	—				I	"	95	
1-84	204 ✓	♀	✓	—				I	"	90	
1-85	195 ✓	♂	—	—				—	"	70	
1-86	203 ✓	♀	✓	—				I	"	90	
1-87	310 ✓	♂	✓	—				—	2349 ✓	340	Area III
1-88	392 ✓	♀	✓	✓				III (5.6)	"	685	Jan 1974
1-89	227 ✓	♂	✓	—				—	2368	135	/ Jan 1974
1-90	213 ✓	♂	✓	—				—	"	95	Area I
1-91	222	♂	✓	—				—	"	135	
1-	210	♀	✓	—				I	"	110	

Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Gut contents	Age	Gonad Stage	Station Number	Remarks	
1-1	437 ✓	♂	✓	—				—	2333 2334	WT. in grams	Area III
1-2	520 ✓	♀	—	✓				III (21.7)	"		Jan 1974
1-3	417 ✓	♂	✓	—				—	"		
1-4	172 (SL)	♂	✓	—				—	"		See
1-5	520 ✓	♀	✓	✓				III (26.1)	"		Below
1-6	501 ✓	♀	✓	✓				III (31.7)	"		
1-7	430 ✓	♀	✓	✓				III (21.4)	"		
1-8	376 ✓	♂	✓	—				—	"		
1-9	400 ✓	♀	✓	✓				III (11.7)	"		
1-10	725 ✓	♀	✓	✓				III (214.5)	2358 – 2361		Blood vessels [illegible] No eggs seen though
1-11	55[illegible] ✓	♀	✓	✓				III (65.6)	Area I II		-see below
1-12	38[illegible] ✓	♀	✓	✓				I or II (5.6)	[illegible]		Probably a virgin
1-13	430 ✓	♀	✓	✓				III (18.0)	2375 – 2377		Area III
1-14	338 ✓	♀	—	✓				III (15.2)			Jan 1974
1-15	328 ✓	♂	✓	—				Blood Vessels			Appears maturing
1-16	[illegible] ✓	♂	✓	—				Blood Vessels			do
1-17	335 ✓	♂	✓	—				"	"		do
1-18	347 ✓	♂	✓	—				"	"		do
1-19	406 ✓	♂	✓	—				"	"		do
1-20	420 ✓	♂	✓	—				"	"		do
1-21	242 ✓	♂	✓	—				—	"	149 grams	
1-22	317 ✓	♀	✓	✓				III (9.0)	"	309	
1-23	319 ✓	♂	✓	—				—	"	328	
1-24	335 ✓	♂	✓	—				—	"	388	
1-25	308 ✓	♂	✓	—				—	"	284	
1-26	305 ✓	♀	✓	✓				I	"	290	
1-27	330 ✓	♂	✓	—				—	"	410	
1-28	329 ✓	♂	✓	—				—	"	390	
1-29	305 ✓	♂	✓	—				—	"	320	
1-30	251 ✓	♂	✓	—				—	"	180	
1-31	190 (SL)	♀	✓	—				I	"	—	230 TL
1-32	186 ✓	♂	✓	—				—	"	70	
1-33	168 (SL)	♂	✓	—				—	"	100	204 TL
1-34	179 ✓	♀	✓	—				I	"	60	
1									2365 - 2366		Area I
1-35	205 ✓	♂	✓	—				—	"	110	Jan 1974
1-36	220 ✓	♂	✓	—				—	"	120	
1-37	178 ✓	♂	✓	—				—	"	60	
1-38	177 ✓	♂	✓	—				—	"	60	
1-39	210 ✓	♀	✓	—				I	"	100	
1-40	209 ✓	♀	✓	—				I	"	110	
1-41	207 ✓	♀	✓	—				I	"	110	
1-42	207 ✓	♀	✓	—				I	"	100	
1-43	207 ✓	♀	✓	—				I	"	100	
1-44	164 ✓	♂	✓	—				—	"	50	
1-45	202 ✓	♀	✓	—				I	"	90	
1-46	185 ✓	♂	✓	—				—	"	80	

2361